# the CARRIER

W6CX



## the MOUNT DIABLO AMATEUR RADIO CLUB

VOLUME XXXVIII - ISSUE 4 - APRIL 1990

THE MT. DIABLO AMATEUR RADIO CLUB
MEETS MONTHLY, 3rd FRIDAY, 8PM
at the
GRACE PRESBYTERIAN CHURCH
2100 Tice Valley Boulevard
Walnut Creek

VISITORS ARE ALWAYS WELCOME

NEXT MEETING - AUCTION - SEE PG.5

### CLUB OFFICERS

| | | |
|---|---|---|
| PRESIDENT | | |
| DEREK BROWN | N6CUK | 672-2055 |
| VICE PRESIDENT | | |
| DON LEDWITH | K7SDF | 228-7607 |
| SECRETARY | | |
| JUNE BLENDERMAN | N6SWP | 820-0543 |
| TREASURER | | |
| WALTER EBBETT | KB6QIB | 837-2204 |
| EMERGENCY COORDINATOR | | |
| BRIAN ROLLEY | N6TDJ | 778-2296 |
| DIRECTORS | | |
| DICK BROWN | KT6X | 676-9048 |
| JAY CALDIS | KT6Y | 939-1893 |

### CLUB REPEATERS

| | | |
|---|---|---|
| 147.06/+ | 223.74/- | 441.325/+ |
| (100 Hz) | (77 Hz) | (100 Hz) |

### CLUB NETS

ROCKY RIDGE REPEATER GROUP
Thursdays 1930 hours 147.06/+R
Jay Caldis KT6Y Net Control

AMATEUR TELEVISION NET
2000 hours (follows RRRG Net)
Mike Scott N6GOZ Net Control
Don Smith W6NKF Alternate

### PAST PRESIDENT VICKI, N6KLS

has been appointed Assistant Director, Pacific Division, ARRL. As Assistant Director, she will act principally as liaison between the Ham radio community and the ARRL, Pacific Division. She will attend at least 2 staff meetings each year in Livermore where Ham radio problems are discussed. Vicki is requesting input from the Ham radio community.

### THIS IS NOT AN APRIL FOOLS JOKE !

If you telephone the RICK BARBER, WB6EZI, residence, be SURE you know who you are talking to!! Rick is training his parrot to answer the telephone. I called his home and asked to talk to Rick, then asked who I was talking to. Rick said it was he, but now I'm not sure!

.....REASONINGS.....

(1) Rick isn't anybody's 'dummy'! (2) Rick is training his parrot to answer the telephone. (3) What else has he trained his parrot to do ? (4) Maybe Rick has trained his parrot to run the East County ARES/RACES nets on Thursday nights without anyone knowing it. (5) Rick could laugh about that the rest of his life. (6) Who would know ? (7) It might help solve a shortage of net-control operators. (8) If it became known, how would W6LKE and W6CPO and KA6IVF respond? (9) How would ARRL respond ? (10) An award from MDARC ?.... there are a lot of possibilities here to be explored.

A BIOGRAPHICAL SKETCH OF & BY
WALTER W. EBBETT, Jr., KB6QIB
Club Treasurer

I was born in Eugene, Oregon and when about two years old our family moved to Springfield, Oregon.

From there we moved to Reedsport where my Dad was an electrical steam plant operator. When I was six years old my Dad got a job as a power plant operator for a pulp mill in Tacoma, WA. We moved to Oswego, Oregon for a few years but we moved back to Washington where my Dad was again a power plant operator for the Washington Pulp and Paper Co., in Port Angeles.

My communications experience began in Port Angeles when I became a part-time messenger boy for the Western Union Telegraph Company during my last half year in high school. After graduation I was a full time messenger, making more money than the manager after tips. I worked up to teletype operator and counter clerk.

In 1940 we moved back to Tacoma where I worked for Western Union and Postal Telegraph as a teletype operator.

In 1941, while working for Postal Telegraph in Portland, I was offered a job as Teletype operator and counter clerk in Klamath Falls, which I accepted. It was there I met Dorothy, who would be my future wife. We both sang in the Church choir. But Uncle Sam called me so we did not get married at that time.

In October 1941 I joined the Alaska Communication System, which was military but handled all commercial telephone and telegraph within Alaska and Stateside. It was there I went to radio school learning code and message handling. In early 1942 I was sent to Annette Island in Alaska, just West of Ketchikan, as a CW, and radio phone operator.

In a few months I was sent to Ketchikan where, in addition to CW and radio-phone, I learned to operate CW on submarine cable and high speed Bohme, which is transmitting CW on punched tape.

From Ketchikan I was sent to Naknek, on Bristol Bay, which was a usual Service required transfer from civilization to the 'boonies'. I did a two-years tour out there (the hunting and fishing was excellent). I became NCOIC (Non-Commissioned Officer in Charge) before being transferred to headquarters in Seattle.

In 1946, Dorothy and I were married and we moved to Cordova, Alaska, where I was NCOIC. Again, at the whim of the Service, we were sent to Juneau before again going Stateside. Then it was back to Haines, Alaska, as NCOIC. Then it was back to Seattle in 1957 for about a year and then to Ankara, Turkey, again as radio operator and teletype operator. While there in Turkey we visited (after a night train trip) Istanbul. We flew to Izmir on a holiday, and had a tour of Ephesus by tour bus. The people in Turkey were very friendly.

Then to Ft. Meade, MD. where I was the message center traffic chief, and finally to Pirmasens, Germany, where I retired in 1962.

Upon retirement we moved to Spring Valley, California for a year, then to Danville where I worked in the ComCenter at the Oakland Naval Supply Center for a few years, then quit and went into business for myself as a printer. My oldest son took over the business so I retired again. I enjoyed my military service.

Our four children were all born in the Territory of Alaska.

I regret that it took me over 25 years to get back into radio. I am enjoying it.

I am thankful for the opportunity of being able to serve Mt. Diablo Amateur Radio Club as Club Treasurer.

## A WELL TRAINED HAM IS A WELL PREPARED HAM

By Paul Girard

When the Loma Prieta earthquake hit on October 17, 1989 few would say that Contra Costa County RACES/ ARES hams were unequipped, or unprepared, to meet the tasks ahead. Most of those ready with both equipment and expertise has been **TRAINED**.

Ham operators from all points of Contra Costa County actively seek out and attend training courses that are offered. Most notably are those given by RACES/ARES organization; The American Red Cross; County and State Offices of Emergency Services; The Orinda Fire Protection District and the California Dept. of Forestry and Fire Prevention, and a host of others.

RACES/ARES trainers are June Blenderman N6SWP, South County; Sue Ludemann KA6SOC, West County; Rick Barber WB6EZI, East County and co-trainers Shirley McGlathery N6QHF and Paul Girard in Central County.

On February 24 at least 40 Hams attended a RACES "learning session" hosted by Orinda Fire's 'ComVan45' at the Orinda Senior Center. That session included lessons on the use of the new RACES manual; how to put your household in order for the "next one" and how to survive out of a small "ready kit" for 72 hours.

After the 'quake', at least a dozen Hams from Contra Costa County attended a two-day "mop up" session hosted by Santa Clara County's Emergency Response Institute. That session evaluated the "lessons learned".

Why training? Accepting a Ham "ticket" imparts some "social obligation" on the holder to be of "service to the community". Being prepared --- and TRAINED --- for emergency work is part of fulfilling your obligation -- while having FUN. Ask any Ham who has been the... and then jump on the band wagon.

## NoCODE TELECONFERENCE

By Brad Watson, WA6AEO
Chairman, CCRA

A special National Teleconference is being held for Radio Amateur's to discuss the proposed new Communicator Class FCC license. It will be a sort of Ham Radio talk show, with a panel of notables from all sides of the issue. There will be a panel discussion, and hopefully calls will be taken live to answer questions from listeners.

The date and time for the show is Sunday April 8th, 5 to 7 pm. As a service to our community, the WA6HAM repeater on 147.735 MHz will be carrying the teleconference. This repeater covers Contra Costa County as well as the Sacramento and Northern San Joaquin Valley's, and parts of the Bay Area.

It can also be hears on 224.80 MHz in the South Bay, Santa Cruz, Monterey Bay and San Francisco Bay Areas, and on 440.625 MHz in West Contra Costa and the Bay Area.

THIS PROMISES TO BE A VERY INTERESTING PROGRAM.

## HAM GEAR FOR SALE

Swan 500CX Transceiver
Bands:3-5,7,14,21,28 MHz
117XC Power supply
VX-2 Vox relay controller
14-C 12 volt power supply
Shure 444T Controlled Mag.Mic.
Osker SWR-200 SWR/watt meter 0-200w
Heathkit AT-1 Transmitter
AC-1 Antenna coupler
HG-108 VFO
Miscellaneous:
Key. Low pass filter
Hi-gain 18' vertical antenna
Inverted V w/traps
Spare vacuum tubes

>--> Everything - $325/offer <--<
John DeVries (408) 262-2277
Leave message

## TUNING AROUND

By Derek Brown, N6CUK
President

Spring is here!. I hope everyone remembered to turn their clocks ahead before Monday morning!

Now that it's spring, our Public Service Chairman Wayne WB6WZV will be looking for volunteers for upcoming events. With 320 members in the Club, and a good core group that worked these events in the past, there should be plenty of volunteers ..Right...? Since much of our hobby is public service, let's show the public what we can do and how it benefits them.

Along the same lines, we're applying to register the Club with the ARRL as a SPECIAL SERVICES CLUB. This program helps good clubs (such as ours) focus our efforts on those things that really count, including education, public service, public relations, emergency communications, and operating activities; ie, things that we already do well. Benefits to the Club include meeting information being published in the annual Repeater Directory, as well as periodic listings of new hams and ARRL members in our area.

Switching subjects, I want to thank those who signed up for the Auction Committee: Bud AA6HJ, Bert KB7BGM, Lyle Van Norman, Jay KT6Y, Dick AA6DL, and Don K7SDF. It's an important part of our tradition, as well as helping to provide additional operating income. With several committee members, the work can be divided up to make it easier and more enjoyable for everyone. If you'd like to help, please contact them.

Don't forget the auction on April 20 which will again be at the Willow Creek Center. See details in this newsletter. If you show up at our regular meeting place, you might miss getting that other radio you always wanted. 73 CUL

## NEW COMMITTEE CHAIRMAN

### PUBLIC SERVICE

Wayne Merriman WB6WZV, Chairman

Why did I take the job of Public Service Chairman? That is a question I ask myself. Really, it was asked before taking the job. You can say a lot about helping good causes, the publicity that Ham radio gets, and just giving something back, but the real thing is that this is the best training ground for a disaster there is. It is the only place Hams can find out what they do not know, and practice how to work in the field under greatly varied conditions.

I think that when the 'big one' comes it will make a mess out of most of the disaster plans we have, and working with what is available will be the key to our survival.

With that in mind, I want to increase the number of Hams that work these events and the number of people that act as control. Hopefully, we will have enough new people to allow increasing our number of Parades, Marathons, Trail Rides, and Scout activities. If everyone worked just one event we could have 2 projects going on every weekend, April through September.

My first effort is to get a list of all those that want to work Public Service Events. If you think that you want to try one, or if you are an old hand please give me a call at 283-0659. If the line is busy call back. WE NEED YOU ! !

In checking over the list of activities we do, it seems that we may be missing new events that could well use our efforts. If you know of one, get it on the list by calling me at the above number.

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Wayne has been a contributor to this newsletter on such subjects as the RS232's, XON/XOFF protocol, TNC's, and the computer 'break' key.





# HAM RADIO AUCTION

SEMI-ANNUAL MT. DIABLO AMATEUR RADIO CLUB AUCTION
1026 MOHR LANE (WILLOW CREEK CENTER)
CONCORD

## FRIDAY, APRIL 20, 1990

DOORS OPEN AT 6:00 PM, AUCTION STARTS AT 7:00 PM

## FREE ADMISSION

WE INVITE ALL RADIO ENTHUSTIASTS TO THE MT. DIABLO AMATEUR RADIO CLUB'S AUCTION. BY POPULAR REQUEST, WE HAVE RETURNED TO THE WILLOW CREEK CENTER. THIS FACILITY GIVES US PLENTY OF ROOM FOR DISPLAYING AND INSPECTING THE AUCTION EQUIPMENT. WITH LOTS OF SEATING, WE'RE SURE YOU'LL ENJOY CONTRA COSTA'S BEST HAM AUCTION.

IN THE INTEREST OF A SMOOTH RUNNING AUCTION WE WILL LIMIT ITEMS FOR SALE TO:

AMATEUR RADIO EQUIPMENT AND ALL PERTINENT ACCESSORIES
RECEIVING AND/OR TRANSMITTING DEVICES
INTERESTING ELECTRONIC GADGETS
TEST EQUIPMENT
COMPUTERS AND ACCESSORIES

WE ALSO INVITE YOU TO BRING YOUR UN-NEEDED BUT WORKING, OR SERVICEABLE GEAR FOR SALE BY THE CLUB.

WE DO NOT WANT, NOR WILL ACCEPT:

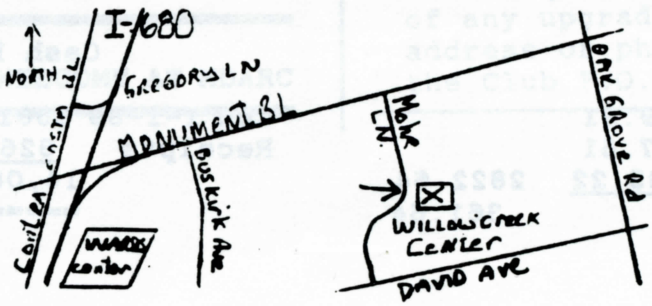
BOAT ANCHORS, TRANSFORMERS, OIL CAPACITORS, RECORD PLAYERS, FLOOR MOUNTED PRINTERS/COMPUTERS, RUSTED CHASSIS'S OR ANYTHING THAT NEEDS A HAND TRUCK TO MOVE. (IF IT'S JUNK TO YOU, ITS JUNK TO US, LEAVE IT AT HOME) IF IT CAN'T EASILY BE PLACED ON THE PODIUM, WE WILL NOT AUCTION IT OFF.

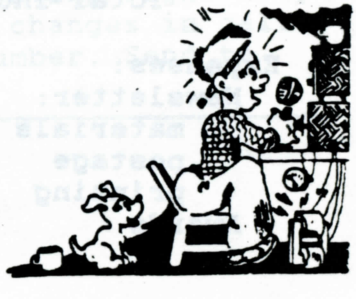
THE AUCTION CHAIRMAN IS PAUL JONES, N6PAC. HE HAS THE FINAL SAY. IF YOU HAVE ANY DOUBTS OR QUESTIONS CALL HIM AT: 687-1265.

**********

SIMPLIFIED DIRECTIONS TO THE AUCTION FOR FREEWAY TRAVELLERS: TAKE I-680 TO CONCORD. NORTHBOUND DRIVERS TAKE MONUMENT BL EXIT; SOUTHBOUND DRIVERS TAKE GREGORY LANE EXIT, GO LEFT AT FOOT OF OFF-RAMP TWO BLOCKS TO MONUMENT BL AND TURN LEFT (AGAIN) ONTO MONUMENT. ALL DRIVERS GO TO SECOND STOP LIGHT AND TURN RIGHT ONTO MOHR LANE. THE WILLOW CREEK CENTER IS A HALF MILE DOWN ON THE LEFT SIDE OF THE STREET.





# M D A R C AUCTION

PLACE X HERE [ ] IF PROCEEDS GO TO CLUB

SELLER'S #

MINIMUM BID

ITEM

CONDITION: WORKS? yes___ no___ WORK NEEDED_____

REMARKS (BANDS, POWER SUPPLY, ETC. _____

_____

_____

_____

_____

OFFICE USE ONLY

ITEM #

BUYER'S #

SELLING PRICE | B/

**********

SILENT BIDS

AMT._____ BUYER #_____.

AMT._____ BUYER #_____

---

MT.DIABLO AMATEUR RADIO CLUB
INCOME AND EXPENSE STATEMENT
1-1-89 TO 12-31-89

| | | |
|---|---|---|
| Income: | | |
| Dues | | $ 4775.00 |
| ARRL renewals net | | 46.00 |
| Auctions net | | 1475.27 |
| Xmas party gross | | 608.50 |
| Savings Account | | 17.95 |
| Certificate of deposit | | 114.61 |
| Checking acct. interest | | 287.16 |
| Door prizes net | | 335.08 |
| Name tags net | | 40.00 |
| Misc. donations | | 436.00 |
| Insurance reim. RRRG | | 114.33 |
| Refreshment fund net | | 18.65 |
| Total income | | $ 8268.57 |
| Expenses: | | |
| Newsletter: | | |
| materials | $ 349.81 | |
| postage | 937.61 | |
| printing | 1535.22 | 2822.64 |
| Awards | | 361.64 |
| Education | | 363.06 |
| Xmas party incl gifts | | 1929.77 |
| Field Day | | 29.00 |
| Picnic | | 285.84 |
| Insurance | | 343.00 |
| Check printing | | 23.92 |
| Roster | | 139.52 |
| Print By-laws,info sheet, membrshp cards | | 148.77 |
| Mail dues notices | | 208.13 |
| Secretary of State | | 2.50 |
| Postage | | 5.00 |
| Club banner | | 90.00 |
| Worldradio sub. | | 60.00 |
| P.O.Box rental | | 28.00 |
| Grace Presby.Church | | 350.00 |
| Total expenses | | $ 7190.79 |

Cash Reconcilement

| | | | |
|---|---|---|---|
| Csh 1-1-89 | $5814.23 | Expenses | 7190.79 |
| Receipts | 8268.57 | Csh12/31 | 6891.41 |
| | 14,082.80 | | 14.082.20 |

## ROCKY RIDGE REPEATER GROUP MINUTES
MARCH 21, 1990

New codes for autopatch and autodial access will be effective Sunday April 1, 1990.

A new digipeater link to N6VV-BBS is targeted to come on stream on 4/1. It will be located on Mt. Vaca at 145.79 Mhz.

There is $3989.94 in the bank with all bills paid.

NEW MEMBERS:

| | | | |
|---|---|---|---|
| Linda | N6SCR | Ray | N6RBY |
| Becky | N6WYK | Dave | N6VIK |
| John | KC6IGU | Erlyn | N6VPG |
| Fletch | KI6RP | Paul | N6JOX |

Welcome to Rocky Ridge!

To join the Rocky Ridge Repeater Group, you must be an MDARC member, be sponsored for membership by a current member, and attend one of our semi-monthly meetings.

Next meeting is Wed. May 16th

Submitted by
Don Ledwith K7SDF, Secretary

## CLUB VISITORS

We were very pleased to welcome the following visitors to the MDARC general meeting on March 16, 1990:

> Harry BIER, WA6TNI; 226 Sunnybrae Dr., Martinez, CA 94553. Harry is President of the East Bay Amateur Radio Club.

> Jack CASH, W6ORR; 85 Hillcrest Dr. Orinda, CA 94563. Jack comes to us from the Orange County Radio Club.

> Don FREDERIC,KC6HUE; 494 Fensaliir Ave., Pleasant Hill, CA 94523.

> Jim PEPPER, W6QIF; 44 El Camino, Moraga, CA 94563.

> Robert W. SCHMIEDER, KK6EK; 4295 Walnut Blvd., Walnut Creek, Ca.

**VISITORS ARE ALWAYS WELCOME AT MDARC**

## MEMBERSHIP DIRECTORY UPDATE
by George Jones, KI6YK

We welcome the following new members

BOWFELL, Donald N. (Don); KC6IMK, Technician; 2337 Cove Ct., Discovery Bay, Byron, CA 94514 (415)-634-4231(h)

DIXON, Mildred G.; KB6RDO, Novice; 124 Cabana Dr., Napa, CA 94558 (707)-252-3496(h)

DIXON, Peter J.; KB6RDN, Novice; 124 Cabana Dr., Napa, CA; (707)-252-3496(h), (916)-732-0267(w)

ZIEGLER, Gordon L.; K6QJY, Technician; 1857 Del Rey St., Lafayette, CA 94549-1910; (415)-932-1733(h), (415)-689-1790(w)

The following renewed their MDARC membership too late to be listed in the 1990 Membership Directory:

KRAMER, William E. (Bill); KA6FMU, General; 780 Oak Grove Rd. # C323, Concord, CA 94518 (415)-682-4742(h)

SLAPE, Miles; W6QEN, General; 1829 Noemi Dr., Concord, CA 94519 (415)-685-5995(h)

Congratulations to the following on his upgrade and new call:

HO, Morris: Extra, AA6UG (from SWL!)

Please note the following changes:

Pat GANSZ: Call was erroneously listed in the February Carrier. It is KC6GYR. It is correctly listed in the Membership Directory.

Chris GOODNOUGH: new address is 1226 Marina Cir., Byron, CA 94514

Monique LOONEY: New address is 7000 Del Valle Rd., Livermore, CA 94550 and phone is (415)-373-9365(h)

Robert OLSEN's home phone is erroneously listed. It is 837-6246.

Don't forget to let the Membership Chairman know in writing right away of any upgrades or changes in call, address or phone number. Send to the Club P.O. Box.

## MDARC CLUB MEETING MINUTES
16 MARCH 1990

Pres.Derek N6CUK called the meeting to order, guests and upgrades were introduced.

Minutes were accepted as published in the last "Carrier".

Club treasury $7450.83

Vice Pres. Don K7SDF is inquiring about yellow shirts that the club members could wear to events.

Membership 318.

Public service Wayne Merryman (283-0659) needs public event helpers.

Events:

Auction: 20 April 1990
Walk America: 29 April, contact Shirley McGlathery N6QHF.
Field Day: 4th weekend in June.
Club Picnic: 22 July 1990
Sheriff's Reserve: No meeting in April.
Convention: 12-13-14-October in San Jose.

Our guest speaker Rod Stafford KB6ZV has been elected as Vice President of ARRL. He gave a most interesting presentation. Also told us of the ARRL increase in dues as of 1 April 1990. Dues will be $30. Rod informed us Vicki Zumwalt N6KLS is the new assistant director, Pacific Division, of the ARRL.

Respectfully submitted,
Jane Walker N6NVA
MDARC Secty pro-tempore

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### REMINDER

MDARC Membership Directories are available free to Club members at all Club meetings except auctions and parties. They may also be obtained by mail by sending a request with $1 to George Jones KI6YK, 325 Glen Arms Drive, Danville, Ca 94526.

All members should have received a Membership Card for 1990. Membership Certificates may also be obtained, free, by sending a request to the same address.

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## MDARC BOARD MEETING MINUTES
20 MARCH 1990

Board Members present:

| | | |
|---|---|---|
| President | Derek Bown | N6CUK |
| Vice Pres. | Don Ledwith | K7SDF |
| Treasurer | Walt Ebbett | KB6QIB |
| Director | Jay Caldis | KT6Y |

Board Members absent:

| | | |
|---|---|---|
| Secty. | June Blenderman | N6SWP |
| Director | Dick Brown | KT6X |
| Emer.Coor. | Brian Rolley | N6TDJ |

Committee Chairmen present:

| | | |
|---|---|---|
| Membership | Dr.Geo.Jones | KI6YK |
| Awards | Jane Walker | N6NVA |
| Picnic/Xmas | Geo.Roush | WB6OFH |

Pres.Derek N6CUK called the meeting to order.

The February Board Meeting Minutes were approved as published in the last "Carrier".

The next Board meeting is 24 April 1990 (7:30PM) Walt Ebbett's home.

We discussed in great detail the picnic, Jay made a motion the Club give George Roush $100 more for gifts and prizes, Walt KB6QIB seconded the motion and it was passed.

The Xmas party was also discussed, Santa, awards, prizes, etc.

Don K7SDF is still inquiring about the yellow summer shirts for the Club.

Treas.Walt KB6QIB informed us the club insurance cost $343 last year, with $136 additional, so this year the total will be $442 of which Rocky Ridge Repeater pays 1/3 of $138, a total of $45.54

The treasury has $7567.97

Membership is 320

Respectfully submitted,
Jane Walker, N6NVA
MDARC Secty. pro tempore

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**THE ROCKY RIDGE REPEATER GROUP meets at the Willow Creek Center 1026 Mohr Lane, Concord NEXT MEETING - MAY 16th 8PM**

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5 miles south on 101 from SFO

OAKLAND, CA 94606
2210 Livingston St., (415) 534-5757
Rich. Mgr. WA9WYB
IS-880 at 23rd Ave. Ramp

ANAHEIM, CA
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PHOENIX, AZ
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# THE BASE STATION

YOUR CONTRA COSTA HAM HEADQUARTERS
FOR AMATEUR RADIO NEEDS

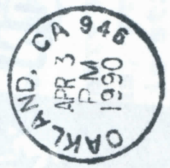
| | | |
|---|---|---|
| AEA | CUSHCRAFT | BALUNS |
| AVANTI | GORDON WEST | CALLBOOKS |
| ASTRON | HUSTLER | COAX CABLE |
| ARRL | LARSEN | CONNECTORS |
| AMECO | MFJ | FERRITE RODS |
| B&W | NYE | HAM PUBLICATIONS |
| BEARCAT | REGENCY | 2 MTR AMPLIFIERS |
| BENCHER | WELZ | METERS |
| BUTTERNUT | YAESU | SPEAKERS |

1839 EAST STREET (across from Sattler's)
CONCORD, CA 94520 (415) 685-7388





FIRST CLASS MAIL




[redacted]

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325 GLEN ARMS DRIVE
DANVILLE, CA 94526
837-9316

"the CARRIER" NEWSLETTER EDITOR

STAN CHRISTIAN WU6P
5450 CONCORD BLVD. #C4
CONCORD, CA 94521
(415) 672-0330

Send contributions:
(1) by MAIL OR TELEPHONE
(2) to N6VV BBS 144.99 MHz

"The CARRIER"
A Newsletter from the
MOUNT DIABLO AMATEUR RADIO CLUB
P.O.Box 23222
Pleasant Hill, California 94523

ARRL